

What is claimed is:

1. An adjustable support mechanism comprising
  - a first bracket;
  - a second bracket;
  - a connecting member pivotally coupled to the first bracket at a first position and pivotally coupled to the second bracket at a second position spaced from the first position; and
  - a linking member coupled to the connecting member so as to be movable in relation to the connecting member,wherein the linking member is arranged to engage the first bracket and the second bracket such that pivotal movement of the first bracket in a first rotational direction is related to movement of the linking member, which is in turn related to pivotal movement of the second bracket also in the first rotational direction.
2. An adjustable support mechanism comprising:
  - a first bracket;
  - a second bracket;
  - a connecting member pivotally coupled to the bracket at a first position and pivotally coupled to the second bracket at a second position spaced from the first position; and
  - a linking member coupled to the connecting member so as to be movable transversely in relation to a line between the first position and the second position,

wherein the linking member is arranged to engage the first bracket such that pivotal movement of the first bracket in a first rotational direction is related to transverse movement of the linking in a first transverse direction,

wherein the linking member is also arranged to engage the second bracket such that pivotal movement of the second bracket in the first rotational direction is also related to the transverse movement of the linking member in the first transverse direction.

3. An adjustable support mechanism comprising:

a first bracket;

a second bracket;

a connecting member pivotally coupled to the first bracket at a first position and pivotally coupled to the second bracket at a second position spaced from the first position; and

a linking member pivotally coupled to the connecting member so as to be pivotable about a point midway along a line between the first position and the second position,

wherein the linking member is arranged to engage the first bracket such that pivotal movement of the first bracket in a first rotational direction is related to pivotal movement of the linking member in a first pivotal direction,

wherein the linking member is also arranged to engage the second bracket such that pivotal movement of the second bracket in the first rotational direction is also related to the pivotal movement of the linking member in the first pivotal direction.